

What is claimed is:

1. An orthotic apparatus for reducing arthrokinetic dysfunction after determining tracking problems after examining the patient comprising:

a jointed limb brace having a first section, a second section, and a brace joint means;

means for connecting said first section and second section to the patient whereby the first section may be connected to a portion of a limb of a person on one side of a joint of the limb and the second section to a portion of a limb of a person on the opposite side of the joint of the limb;

friction means for varying the resistance to movement of the first and second sections with respect to each other;

said friction means being connected to said first and second sections adjacent to said brace joint means; and

means for adjusting the resistance in the friction means wherein the friction means provides a preadjusted resistance to motion independent of the velocity of the motion in a pattern to provide proper tracking.

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2. Orthotic apparatus according to claim 1 in which said friction means includes first and second friction members and a control means having a program; said program controlling pressure between said first and second friction members.

3. Orthotic apparatus according to claim ²3 in which the pressure between said first and second friction member ^s_h is controlled magnetically.

4. Orthotic apparatus according to claim ²3 in which the pressure between said first and second friction members is controlled by a motor-driven screw drive means.

5. Orthotic apparatus according to claim 3 wherein the first section is connected to one of a leg and thigh and the second section is connected to the other of a leg and thigh.

6. Orthotic apparatus according to claim 3 wherein the first section is connected to one of a forearm and arm and the second section is connected to the other of a forearm and arm.

7. Orthotic apparatus according to claim 3 in which said friction means is removeably attached to said first and second sections over said brace joint means.

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